

## Quiz 14. HMM parameter estimation

Estimate parameters (emission and transition probabilities) for the following sequence of fair and biased coin tosses:

1-heads, 0 – tails, F – fair coin, B – biased coin

Symbols	1	0	1	1	1	0	1	1
States	F	F	B	B	B	F	F	B

$e_f(H)=$

$e_f(T)=$

$e_b(H)=$

$e_b(T)=$

$a_{b,f}=$

$a_{b,b}=$

$a_{f,b}=$

$a_{f,f}=$